

Water Supply Well

Definition/Purpose

A well means constructing a drilled, driven or dug well to supply water from an underground source [for irrigation, animals, or agricultural processing](#).

Policies

1. Pumps, solar pumps, and wells must have a qualifying statement that they will be used for agricultural use only.
2. Installation of the well must include wellhead protection.
3. The average cost for pumps for wells includes all costs associated with installation and is based on actual cost. [The maximum actual cost for a pump is \\$2,667 for all three areas. \(\\$6,667 for solar powered pumps for all three areas\).](#)
4. The cost for the pump includes all costs associated with pump installation, including the cost of getting electricity to the pump.
5. The solar powered pump installation is limited to sites where, due to the topography, property lines, etc., it is not possible to locate the tank or trough such that water may be supplied by gravity. The pump cost includes a [submersible](#) pump, photovoltaic panels, control box, support structure, pump cable, drop pipe, and fittings to make up plumbing at pump.
6. [Permits are a cost-shareable component for this practice in counties where agricultural wells are not exempt from permit fees. A copy of the permit, receipt of the permit fee, and any supporting water quality reports associated with the permit are required to be kept in the district's contract file.](#)
- ~~5-7.~~
6. [Life of the BMP is 10 years.](#)
- ~~7-8.~~ Cooperator is encouraged to install water conservation measures and practical livestock exclusion fencing.
- ~~8-9.~~ Cooperators are responsible for obtaining and complying with all required permits and local requirements if applicable.
- ~~9-10.~~ Where there are already adequate water resources available under the control of the producer, backup wells are not cost shareable through AgWRAP. Public water supply is not considered under the control of the producer.
- ~~10-11.~~ Wells are allowed for operations served by public water systems if the well will reduce dependence on the public water system.
- ~~11-12.~~ Well repairs are cost shareable, including a pump if needed, and must be completed by a certified well contractor.

Comment [ITSC1]: 1.Remove costs, place on cost list.

~~42.~~13. New wells, well repairs and pump installation must be completed by a well contractor certified by the North Carolina Well Contractors Certification Commission. A NC certified well contractor is allowed to sign as Job Approval Authority within their approved level of certification.

~~43.~~14. New pumps or replacement pumps for existing wells are not cost shareable components.

15. Where the certified well contractor determines alternative casing is required by 15A NCAC Subchapter 02C Well Construction Standards the additional cost is eligible for cost share assistance.

16. Acres irrigated or number of animals watered is required on the contract for wells that are not part of a pond system.

17. For discussion: Can a well be used to provide water to another AgWRAP funded BMP or should it be part of the total pond system cost?

18. Life of the BMP is 10 years.
~~44.~~

Specifications

North Carolina NRCS Technical Guide, Section IV, Specification # 642 (Wells)